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## PALM INTRANET

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Time: 11:50:14

## **Inventor Information for 10/811781**

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|---------------------------------------|-------------------------|-----------------------|
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| COUVILLON, LUCIEN ALFRED JR.          | CONCORD                 | MASSACHUSETTS         |
| CHIN, ALBERT C.C.                     | NEWTON                  | MASSACHUSETTS         |
| ANDERSON, FRANK J.                    | MANSFIELD               | MASSACHUSETTS         |
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| US<br>20060074383             | US-<br>PGPUB | 20060406 | 17 | Steerable device and system   | 604/95.04 |                                 | Boulais;<br>Dennis R.                     |
|-------------------------------|--------------|----------|----|---|-----------|---------------------------------|---|
| A1<br>US<br>20060069313<br>A1 | US-<br>PGPUB | 20060330 | _  | Medical devices with light emitting regions   | 600/179   | 600/130;<br>600/178             | Couvillon;<br>Lucien Alfred<br>JR. et al. |
| US<br>20060069310<br>A1       | US-<br>PGPUB | 20060330 |    | Programmable brake control system for use in a medical device                       | 600/148   | 600/146;<br>600/152             | Couvillon;<br>Lucien Alfred<br>JR.        |
| US<br>20060069307<br>A1       | US-<br>PGPUB | 20060330 | 16 | Selectively rotatable shaft coupler   | 600/132   | 600/112; 600/137                | Boulais;<br>Dennis R.                     |
| US<br>20060069306<br>A1       | US-<br>PGPUB | 20060330 |    | Automated control of irrigation and aspiration in a single-use endoscope            | 600/118   | 600/117;<br>600/157;<br>600/158 | Banik;<br>Michael S. et<br>al.            |
| US<br>20060069305<br>A1       | US-<br>PGPUB | 20060330 |    | Device with enhanced indication of use and prevention of re-use                     | 600/117   | 600/140;<br>606/1               | Couvillon;<br>Lucien Alfred<br>JR. et al. |
| US<br>20060069303<br>A1       | US-<br>PGPUB | 20060330 |    | Endoscopic apparatus with integrated hemostasis device                              | 600/104   | 600/106;<br>600/129;<br>606/46  | Couvillon;<br>Lucien Alfred<br>JR.        |
| US<br>20060068360<br>A1       | US-<br>PGPUB | 20060330 |    | Single use fluid reservoir for an endoscope   | 433/80    | 604/240;<br>604/77              | Boulais;<br>Dennis R.                     |
| US<br>20060058607<br>A1       | US-<br>PGPUB | 20060316 |    | Microscopic dynamic mechanical analyzer   | 600/407   |                                 | Garcia-Webb<br>Michael et al.             |
| US<br>20060047184<br>A1       | US-<br>PGPUB | 20060302 |    | Endoscope having auto-<br>insufflation and<br>exsufflation                          | 600/156   | 600/129;<br>600/158             | Banik;<br>Michael S. et<br>al.            |
| US<br>20060036182<br>A1       | US-<br>PGPUB | 20060216 |    | Diagnosing and performing interventional procedures on tissue in vivo               | 600/478   |                                 | Daniels;<br>Douglas J. et<br>al.          |
| US<br>20060025931<br>A1       | US-<br>PGPUB | 20060202 |    | Method and apparatus for real time predictive modeling for chronically ill patients | 702/19    |                                 | Rosen;<br>Richard et al.                  |
| US<br>20050288548<br>A1       | US-<br>PGPUB | 20051229 |    | Endoscope with limited rotation shaft joint   | 600/102   | 600/137                         | Boulais,<br>Dennis R.                     |
| US<br>20050261551<br>A1       | US-<br>PGPUB | 20051124 |    | Serialization of single use endoscopes  | 600/118   | 600/109                         | Couvillon,<br>Lucien Alfred<br>JR.        |
| US<br>20050256448             | US-<br>PGPUB | 20051117 |    | Needleless injector   | 604/68    |                                 | Angel, Aimee<br>B. et al.                 |

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|-------------------------------|--------------|----------|---|----------|---------------------------------------|---------------------------------------|
| A1<br>US<br>20050256367<br>A1 | US-<br>PGPUB | 20051117 | Electroactive polymer based artificial sphincters and artificial muscle patches | 600/30   | 600/16                                | Banik, Micha<br>S.                    |
| US<br>20050245789<br>A1       | US-<br>PGPUB | 20051103 | Fluid manifold for endoscope system   | 600/159  | 137/560                               | Smith, David et al.                   |
| US<br>20050234500<br>A1       | US-<br>PGPUB | 20051020 | Dimensionally stable balloons   | 606/192  |                                       | Chen, John<br>Jianhua et al.          |
| US<br>20050228228<br>A1       | US-<br>PGPUB | 20051013 | System and method for orienting endoscope and operator control                  | 600/131  | 600/137                               | Boulais,<br>Dennis R.                 |
| US<br>20050222499<br>A1       | US-<br>PGPUB | 20051006 | Interface for video endoscope system  | 600/132  | 600/109;<br>600/156                   | Banik, Micha<br>S. et al.             |
| US<br>20050215859<br>A1       | US-<br>PGPUB | 20050929 | Endoscopic imaging system including removable deflection device                 | 600/146  | 600/179                               | Chin, Yem et al.                      |
| US<br>20050203338<br>A1       | US-<br>PGPUB | 20050915 | Endoscope with fiber optic transmission of digital video                        | 600/109  | 600/118;<br>600/182                   | Couvillon,<br>Lucien A. JR.<br>et al. |
| US<br>20050197536<br>A1       | US-<br>PGPUB | 20050908 | Video endoscope   | 600/179  | 600/141;<br>600/146                   | Banik, Micha<br>S. et al.             |
| US<br>20050177226<br>A1       | US-<br>PGPUB | 20050811 | Stents, stenting systems, and related methods for agent delivery                | 623/1.42 |                                       | Banik, Micha<br>S. et al.             |
| US<br>20050158430<br>A1       | US-<br>PGPUB | 20050721 | Food treatment system and method  | 426/237  |                                       | Wiesman,<br>Richard Mark<br>et al.    |
| US<br>20050154262<br>A1       | US-<br>PGPUB | 20050714 | Imaging system for video endoscope  | 600/179  | 600/129;<br>600/156                   | Banik, Micha<br>S. et al.             |
| US<br>20050131279<br>A1       | US-<br>PGPUB | 20050616 | Articulation joint for video endoscope  | 600/141  | 600/146                               | Boulais,<br>Dennis R. et<br>al.       |
| US<br>20050119527<br>A1       | US-<br>PGPUB | 20050602 | Force feedback control system for video endoscope                               | 600/117  | 600/118;<br>600/146                   | Banik, Micha<br>S. et al.             |
| US<br>20050107669<br>A1       | US-<br>PGPUB | 20050519 | Robotic endoscope   | 600/146  | 600/118;<br>600/145                   | Couvillon,<br>Lucien Alfrec<br>JR.    |
| US                            | US-          | 20050512 | Coating dispensing system   | 427/2.1  | 118/200;                              | Zhong, Sheng                          |

| 20050100655<br>A1       | PGPUB        |          | and method using a solenoid head for coating medical devices                                      |           | 118/621;<br>118/713             | ping et al.                               |
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| US<br>20050092923<br>A1 | US-<br>PGPUB | 20050505 | Night vision apparatus  | 250/330   | 250/332                         | Fantone,<br>Stephen D. et<br>al.          |
| US<br>20050079105<br>A1 | US-<br>PGPUB | 20050414 | Methods for filing a sample array by droplet dragging   | 422/100   | 436/180                         | Hunter, Ian et al.                        |
| US<br>20050075538<br>A1 | US-<br>PGPUB | 20050407 | Single use endoscopic imaging system  | 600/141   | 600/146;<br>600/152;<br>600/179 | Banik, Micha<br>S. et al.                 |
| US<br>20050074406<br>A1 | US-<br>PGPUB | 20050407 | Ultrasound coating for enhancing visualization of medical device in ultrasound images             | 424/9.5   | 600/431                         | Couvillon,<br>Lucien Alfred<br>JR. et al. |
| US<br>20050065500<br>A1 | US-<br>PGPUB | 20050324 | Electroactive polymer actuated medication infusion pumps  | 604/891.1 |                                 | Couvillon,<br>Lucien Alfred<br>JR. et al. |
| US<br>20050065400<br>A1 | US-<br>PGPUB | 20050324 | Robotic endoscope with wireless interface   | 600/109   | 600/118                         | Banik, Micha<br>S. et al.                 |
| US<br>20050038322<br>A1 | US-<br>PGPUB | 20050217 | Imaging endoscope   | 600/129   | 600/160;<br>600/182             | Banik, Micha S.                           |
| US<br>20050027198<br>A1 | US-<br>PGPUB | 20050203 | Ultrasonic imaging catheter   | 600/466   |                                 | Couvillon,<br>Lucien Alfred<br>JR.        |
| US<br>20050017191<br>A1 | US-<br>PGPUB | 20050127 | Excitation and imaging of fluorescent arrays  | 250/393   |                                 | Montagu, Jeal<br>I. et al.                |
| US<br>20050015142<br>A1 | US-<br>PGPUB | 20050120 | Coated medical device<br>and method for<br>manufacturing the same                                 | 623/1.42  | 427/2.1;<br>604/265             | Austin,<br>Michael et al.                 |
| US<br>20050004425<br>A1 | US-<br>PGPUB | 20050106 | Electroactive polymer based artificial sphincters and artificial muscle patches                   | 600/30    | 600/16                          | Banik, Micha<br>S.                        |
| US<br>20040247775<br>A1 | US-<br>PGPUB | 20041209 | Positive displacement coating deposition apparatus and method                                     | 427/2.1   | 118/668                         | Boulais,<br>Dennis R. et<br>al.           |
| US<br>20040219071<br>A1 | US-<br>PGPUB | 20041104 | System and method for high throughput sample preparation and analysis using column chromatography | 422/100   |                                 | Ozbal, Can et al.                         |

| US<br>20040213893<br>A1 | US-<br>PGPUB | 20041028 | Expandable mask stent coating method   | 427/2.24  | 118/301           | Boulais,<br>Dennis R.              |
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| US<br>20040200729<br>A1 | US-<br>PGPUB | 20041014 | Electrohydrodynamic coating fluid delivery apparatus and method                          | 205/317   | 204/471           | Boulais,<br>Dennis R. et<br>al.    |
| US<br>20040199053<br>A1 | US-<br>PGPUB | 20041007 | Autosteering vision endoscope  | 600/146   | 600/152           | Boulais,<br>Dennis R. et<br>al.    |
| US<br>20040199052<br>A1 | US-<br>PGPUB | 20041007 | Endoscopic imaging system  | 600/142   |                   | Banik, Micha<br>S. et al.          |
| US<br>20040191924<br>A1 | US-<br>PGPUB | 20040930 | Reformatted through-hole arrays  | 436/180   |                   | Hunter, Ian et al.                 |
| US<br>20040171166<br>A1 | US-<br>PGPUB | 20040902 | Method and apparatus for performing microassays  | 436/164   | 436/174           | Hunter, Ian W                      |
| US<br>20040143213<br>A1 | US-<br>PGPUB | 20040722 | Inertial drug delivery system  | 604/93.01 | 604/173           | Hunter, Ian<br>Warwick et al       |
| US<br>20040143160<br>A1 | US-<br>PGPUB | 20040722 | Universal, programmable guide catheter   | 600/114   |                   | Couvillon,<br>Lucien Alfred<br>JR. |
| US<br>20040131755<br>A1 | US-<br>PGPUB | 20040708 | Coating dispensing system and method using a solenoid head for coating medical devices   | 427/2.24  | 427/2.1;<br>427/5 | Zhong, Sheng<br>Ping et al.        |
| US<br>20040126405<br>A1 | US-<br>PGPUB | 20040701 | Engineered scaffolds for promoting growth of cells                                       | 424/423   | 435/393           | Sahatjian,<br>Ronald A. et<br>al.  |
| US<br>20040106894<br>A1 | US-<br>PGPUB | 20040603 | Needleless drug injection device   | 604/66    |                   | Hunter, Ian W et al.               |
| US<br>20040106893<br>A1 | US-<br>PGPUB | 20040603 | Measuring properties of an anatomical body   | 604/66    |                   | Hunter, Ian W                      |
| US<br>20040092794<br>A1 | US-<br>PGPUB | 20040513 | Endoscopic imaging system including removable deflection device                          | 600/146   | 600/179           | Chin, Yem et al.                   |
| US<br>20040082875<br>A1 | US-<br>PGPUB | 20040429 | Microstructured arrays for cortex interaction and related methods of manufacture and use | 600/544   |                   | Donoghue,<br>John Philip et<br>al. |
| US                      | US-          | 20040408 | Electroactive polymer  | 604/67    | 604/133;          | Couvillon,                         |

| 20040068224<br>A1       | PGPUB        |          | actuated medication infusion pumps  |            | 604/891.1                                  | Lucien Alfred<br>JR. et al.                |
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| US<br>20040068220<br>A1 | US-<br>PGPUB | 20040408 | Electroactive polymer actuated heart-lung bypass pumps                          | 604/6.11   | 310/363;<br>417/18;<br>623/3.27            | Couvillon,,<br>Lucien Alfred<br>JR. et al. |
| US<br>20040068161<br>A1 | US-<br>PGPUB | 20040408 | Thrombolysis catheter   | 600/143    | 600/108;<br>604/95.05;<br>606/15;<br>606/7 | Couvillon,<br>Lucien Alfred<br>JR.         |
| US<br>20040034337<br>A1 | US-<br>PGPUB | 20040219 | Microarray drug delivery coatings   | 604/890.1  | 424/423;<br>424/424;<br>623/1.42           | Boulais,<br>Dennis R. et<br>al.            |
| US<br>20040007695<br>A1 | US-<br>PGPUB | 20040115 | Molecular actuators, and methods of use thereof                                 | 252/500    |  | Anquetil,<br>Patrick A. et<br>al.          |
| US<br>20030236531<br>A1 | US-<br>PGPUB | 20031225 | Electronically activated capture device   | 606/113    |  | Couvillon,<br>Lucien Alfred<br>JR.         |
| US<br>20030236445<br>A1 | US-<br>PGPUB | 20031225 | UNIVERSAL<br>PROGRAMMABLE<br>GUIDE CATHETER                                     | 600/114    |  | Couvillon,<br>Lucien Alfred<br>JR.         |
| US<br>20030223248<br>A1 | US-<br>PGPUB | 20031204 | Multispectral imaging system  | 362/555    |  | Cronin, Paul et al.                        |
| US<br>20030212306<br>A1 | US-<br>PGPUB | 20031113 | Electroactive polymer based artificial sphincters and artificial muscle patches | 600/30     | 600/16                                     | Banik, Micha<br>S.                         |
| US<br>20030149400<br>A1 | US-<br>PGPUB | 20030807 | Miniature x-ray unit  | 604/103.01 | 600/3;<br>604/20                           | Banik, Micha<br>S. et al.                  |
| US<br>20030139727<br>A1 | US-<br>PGPUB | 20030724 | Transdermal transport device with suction                                       | 604/506    | 604/176;<br>604/93.01                      | Angel, Aimed<br>B. et al.                  |
| US<br>20030120339<br>A1 | US-<br>PGPUB | 20030626 | Stents, stenting systems, and related methods for agent delivery                | 623/1.42   | 623/1.39                                   | Banik, Micha<br>S. et al.                  |
| US<br>20030119193<br>A1 | US-<br>PGPUB | 20030626 | System and method for high throughput screening of droplets                     | 436/44     | 422/66                                     | Hess, Robert al.                           |
| US<br>20030083645<br>A1 | US-<br>PGPUB | 20030501 | Microneedle transport device  | 604/890.1  |  | Angel, Aimed<br>B. et al.                  |
| US<br>20030083641<br>A1 | US-<br>PGPUB | 20030501 | Impedance sensor  | 604/500    | 607/1                                      | Angel, Aimee<br>B. et al.                  |

| US<br>20030083619<br>A1 | US-<br>PGPUB | 20030501 | Microneedle transdermal transport device   | 604/141   |  | Angel, Aimee<br>B. et al.              |
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| US<br>20030083618<br>A1 | US-<br>PGPUB | 20030501 | Transdermal transport device with an electrolytic actuator                             | 604/141   |  | Angel, Aimee<br>B. et al.              |
| US<br>20030083611<br>A1 | US-<br>PGPUB | 20030501 | Needleless injector  | 604/68    |  | Angel, Aimee<br>B. et al.              |
| US<br>20030069475<br>A1 | US-<br>PGPUB | 20030410 | Robotic endoscope with wireless interface  | 600/152   | 600/118                                  | Banik, Micha<br>S. et al.              |
| US<br>20030069474<br>A1 | US-<br>PGPUB | 20030410 | Robotic endoscope  | 600/152   | 600/146                                  | Couvillon,<br>Lucien Alfred<br>JR.     |
| US<br>20030036751<br>A1 | US-<br>PGPUB | 20030220 | Apparatus and method for laser treatment with spectroscopic feedback                   | 606/9     | 128/898;<br>606/10;<br>606/11;<br>606/12 | Anderson, R.<br>Rox et al.             |
| US<br>20030034605<br>A1 | US-<br>PGPUB | 20030220 | Enhanced keno based game   | 273/138.1 | 463/18                                   | Hunter, Ian<br>Angus et al.            |
| US<br>20030012806<br>A1 | US-<br>PGPUB | 20030116 | Drug releasing elastic band and method   | 424/423   |  | McBride-<br>Sakal, Marcia<br>et al.    |
| US<br>20030008608<br>A1 | US-<br>PGPUB | 20030109 | Apparatus and method for removing bones from a disassembled animal carcass             | 452/157   |  | Scalia, Barbai<br>J. et al.            |
| US<br>20030003221<br>A1 | US-<br>PGPUB | 20030102 | Coating dispensing system and method using a solenoid head for coating medical devices | 427/2.1   | 118/621;<br>118/713;<br>427/402          | Zhong, Sheng<br>Ping (Samuel<br>et al. |
| US<br>20030003220<br>A1 | US-<br>PGPUB | 20030102 | Coating a medical appliance with a bubble jet printing head                            | 427/2.1   | 118/300;<br>427/258;<br>427/458          | Zhong, Sheng<br>Ping et al.            |
| US<br>20020195326<br>A1 | US-<br>PGPUB | 20021226 | High power-to-mass ratio actuator  | 200/181   |  | Hunter, Ian W et al.                   |
| US<br>20020165523<br>A1 | US-<br>PGPUB | 20021107 | Multilayer medical device  | 604/523   | 425/133.1;<br>606/192                    | Chin, Albert (C. et al.                |
| US<br>20020160521<br>A1 | US-<br>PGPUB | 20021031 | System and method for high throughput sample preparation and analysis using column     | 436/161   | 422/70                                   | Ozbal, Can et al.                      |

|                         |              |          | chromatography   |            |   |                                  |
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| US<br>20020101853<br>A1 | US-<br>PGPUB | 20020801 | Caller identification and voice/data synchronization for internet telephony and related applications | 370/352    | 370/401   | Siegrist,<br>Joseph et al.       |
| US<br>20020053167<br>A1 | US-<br>PGPUB | 20020509 | Apparatus for rail wagons  | 49/333     |   | Hunter, Ian                      |
| US<br>20020038140<br>A1 | US-<br>PGPUB | 20020328 | Hybrid elastomer sleeve for stent delivery   | 623/1.12   |   | Yang,<br>Dachuan et al           |
| US<br>20020035930<br>A1 | US-<br>PGPUB | 20020328 | Apparatus and method for form-frying snack food product  | 99/404     | 99/330;<br>99/403;<br>99/407                                      | Graham,<br>Lawrence et a         |
| US<br>20020033102<br>A1 | US-<br>PGPUB | 20020321 | Apparatus and method for form-frying snack food product  | 99/404     | 99/330;<br>99/403;<br>99/407                                      | Graham,<br>Lawrence et a         |
| US<br>20020003461<br>A1 | US-<br>PGPUB | 20020110 | MICROWAVE<br>RESONATOR   | 333/219.1  | 333/208   | HUNTER,<br>IAN<br>CHARLES        |
| US<br>20020001546<br>A1 | US-<br>PGPUB | 20020103 | Methods for screening substances in a microwell array  | 422/102    | 141/31;<br>204/451;<br>359/626;<br>427/255.18;<br>435/6;<br>83/30 | Hunter, Ian et al.               |
| US<br>20020001544<br>A1 | US-<br>PGPUB | 20020103 | System and method for high throughput processing of droplets   | 422/100    | 436/180   | Hess, Robert al.                 |
| US<br>20010052843<br>A1 | US-<br>PGPUB | 20011220 | NON-INVASIVE POWERLINE COMMUNICATIONS SYSTEM   | 340/538.16 | 307/104   | WIESMAN,<br>RICHARD M<br>et al.  |
| US<br>20010048468<br>A1 | US-<br>PGPUB | 20011206 | Subsurface video observation system  | 348/81     | 348/143;<br>348/162;<br>348/164                                   | Fantone,<br>Stephen J. et<br>al. |
| US<br>20010047135<br>A1 | US-<br>PGPUB | 20011129 | Diagnosing and performing interventional procedures on tissue in vivo                                | 600/466    | 600/478   | Daniels,<br>Douglas J. et<br>al. |
| US<br>20010043998<br>A1 | US-<br>PGPUB | 20011122 | Dimensionally stable balloons  | 428/35.7   |   | Chen, John<br>Jianhua et al.     |
| US<br>20010026200       | US-<br>PGPUB | 20011004 | Filter and method and apparatus for  | 333/167    | 333/168;<br>333/175   | Rhodes, John et al.              |

| A1               |       |          | manufacturing filters  |          |   |                                |
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| US 6977103<br>B2 | USPAT | 20051220 | Dimensionally stable balloons  | 428/35.7 | 264/108;<br>264/171.27;<br>264/171.28;<br>604/103.09;<br>604/103.11;<br>604/524;<br>604/96.01 | Chen; John<br>Jianhua et al.   |
| US 6939374<br>B2 | USPAT | 20050906 | Stents, stenting systems,<br>and related methods for<br>agent delivery                               | 623/1.27 | 606/194   | Banik;<br>Michael S. et<br>al. |
| US 6939323<br>B2 | USPAT | 20050906 | Needleless injector  | 604/134  | 60/528  | Angel; Aimee B. et al.         |
| US 6932939<br>B2 | USPAT | 20050823 | System for high throughput sample preparation and analysis using column chromatography               | 422/63   | 210/656;<br>422/70;<br>436/161;<br>436/50;<br>73/61.56  | Ozbal; Can et al.              |
| US 6921360<br>B2 | USPAT | 20050726 | Electroactive polymer based artificial sphincters and artificial muscle patches                      | 600/30   | 600/16  | Banik;<br>Michael S.           |
| US 6914899<br>B2 | USPAT | 20050705 | Caller identification and voice/data synchronization for internet telephony and related applications | 370/354  | 370/352;<br>370/389;<br>379/93.03   | Siegrist;<br>Joseph et al.     |
| US 6905743<br>B1 | USPAT | 20050614 | Dimensionally stable balloons  | 428/35.7 | 264/108;<br>264/172.13;<br>264/209.5;<br>525/314;<br>604/103.09;<br>604/103.11;<br>604/96.01  | Chen; John<br>Jianhua et al.   |
| US 6899672<br>B2 | USPAT | 20050531 | Endoscopic imaging system including removable deflection device                                      | 600/121  | 600/123; 600/143  | Chin; Yem et al.               |
| US 6893877<br>B2 | USPAT | 20050517 | Methods for screening substances in a microwell array  | 436/174  | 356/244;<br>356/246;<br>362/355;<br>422/102;<br>422/56;<br>422/82.09;<br>436/165;<br>436/179; | Hunter; Ian et al.             |

|                  |       |          |   |         | 436/180   |                                  |
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| US 6825930<br>B2 | USPAT | 20041130 | Multispectral imaging system  | 356/328 | 250/205;<br>362/231   | Cronin; Paul . et al.            |
| US 6812030<br>B2 | USPAT | 20041102 | System and method for high throughput sample preparation and analysis using column chromatography | 436/50  | 210/656;<br>422/63;<br>422/70;<br>436/161;<br>73/61.56  | Ozbal; Can et al.                |
| US 6791696<br>B1 | USPAT | 20040914 | Automated optical measurement apparatus and method  | 356/601 |   | Fantone;<br>Stephen D. et<br>al. |
| US 6770027<br>B2 | USPAT | 20040803 | Robotic endoscope with wireless interface   | 600/146 | 348/65;<br>348/66;<br>348/67;<br>348/68;<br>348/69;<br>348/70;<br>348/71;<br>348/72;<br>348/73;<br>348/74;<br>600/109;<br>600/117;<br>600/118;<br>600/145;<br>600/152;<br>600/179 | Banik;<br>Michael S. et<br>al.   |
| US 6750958<br>B1 | USPAT | 20040615 | Automated optical measurement apparatus and method  | 356/124 |   | Fantone;<br>Stephen D. et<br>al. |
| US 6749556<br>B2 | USPAT | 20040615 | Electroactive polymer based artificial sphincters and artificial muscle patches                   | 600/30  | 600/16  | Banik;<br>Michael S.             |
| US 6743633<br>B1 | USPAT | 20040601 | Method for performing microassays   | 436/46  | 356/244;<br>356/246;<br>422/100;<br>422/102;<br>422/56;<br>422/58;<br>422/82.05;<br>422/82.09;<br>436/164;<br>436/166;<br>436/172;  | Hunter; Ian W                    |

|                  |       |          |  |            | 436/43  |                                |
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| US 6729543<br>B1 | USPAT | 20040504 | Page identification system and method  | 235/462.13 | 235/462.01;<br>235/462.25   | Arons; Barry<br>M. et al.      |
| US 6706014<br>B2 | USPAT | 20040316 | Miniature x-ray unit   | 604/103.01 | 600/3;<br>604/20;<br>604/21   | Banik;<br>Michael S. et<br>al. |
| US 6682771<br>B2 | USPAT | 20040127 | Coating dispensing system and method using a solenoid head for coating medical devices |            | 427/2.1;<br>427/2.25;<br>427/2.28;<br>427/2.3;<br>427/256;<br>427/258;<br>427/259;<br>427/261;<br>427/282;<br>427/286;<br>427/287;<br>427/409   | Zhong; Sheng ping et al.       |
| US 6676987<br>B2 | USPAT | 20040113 | Coating a medical appliance with a bubble jet printing head                            | 427/2.24   | 427/2.1;<br>427/2.25;<br>427/2.26;<br>427/2.28;<br>427/2.31;<br>427/258;<br>427/261;<br>427/265;<br>427/271;<br>427/272;<br>427/282;<br>427/286;<br>427/287;<br>427/307;<br>427/309;<br>427/402;<br>427/409;<br>427/422;<br>427/424;<br>427/8 | Zhong; Sheng ping et al.       |
| US 6578471<br>B2 | USPAT | 20030617 | Apparatus for form-frying snack food product   | 99/349     | 425/405.1;<br>425/546;<br>425/812;<br>99/403;<br>99/427;<br>99/432;   | Graham;<br>Lawrence et a       |

|                  |       |          |  |            | 99/443C;<br>99/450  |                                       |
|------------------|-------|----------|--|------------|---|---------------------------------------|
| US 6549295<br>B1 | USPAT | 20030415 | Method for making products having merged images                | 358/1.14   | 358/1.1   | Fantone;<br>Stephen D. et<br>al.      |
| US 6540720<br>B1 | USPAT | 20030401 | Miniature x-ray unit   | 604/103.01 | 600/3;<br>604/20;<br>604/21   | Banik;<br>Michael S. et<br>al.        |
| US 6475168<br>B1 | USPAT | 20021105 | Guide wire having x-ray transparent window for x-ray catheter  | 600/585    |   | Pugsley, Jr.;<br>Charles H. et<br>al. |
| US 6474542<br>B1 | USPAT | 20021105 | Carton with framed opening feature and product viewing window  | 229/242    | 229/162.3;<br>229/162.6;<br>229/237   | Chagnon;<br>Nichole M. et<br>al.      |
| US 6471987<br>B1 | USPAT | 20021029 | Drug releasing elastic band and method                         | 424/447    | 424/422;<br>424/423;<br>424/424;<br>424/426;<br>424/443;<br>424/484;<br>424/485;<br>424/486;<br>514/772;<br>514/772.3;<br>514/782;<br>514/953;<br>606/151;<br>606/157 | McBride-<br>Sakal; Marcia<br>et al.   |
| US 6448872<br>B2 | USPAT | 20020910 | Reflection-mode filter and method with a constant loss off-set | 333/167    | 333/1.1;<br>333/206   | Rhodes; John et al.                   |
| US 6433943<br>B1 | USPAT | 20020813 | Method for manufacturing roof mirrors                          | 359/399    | 359/407;<br>359/431;<br>359/831   | Fantone;<br>Stephen D.                |
| US 6414571<br>B1 | USPAT | 20020702 | Dual TM mode composite resonator                               | 333/219.1  | 333/202   | Hunter; Ian et al.                    |
| US 6412399<br>B1 | USPAT | 20020702 | Apparatus for form-frying snack food product                   | 99/353     | 425/405.1;<br>425/437;<br>425/453;<br>99/404;<br>99/407;<br>99/416;<br>99/443R;<br>99/448;<br>99/472  | Graham;<br>Lawrence et a              |

| US 6403135<br>B1 | USPAT | 20020611 | Method for form-frying snack food product                             | 426/389    | 264/101;<br>264/571;   | Graham;<br>Lawrence et a            |
|------------------|-------|----------|---|------------|--|-------------------------------------|
|                  |       |          | Charles 2000 p. County  |            | 426/438;<br>426/517;<br>426/518;                                       | Zuvience et u                       |
|                  |       |          |   |            | 426/523  |                                     |
| US 6387331<br>B1 | USPAT | 20020514 | Method and apparatus for performing microassays                       | 422/102    | 356/244;<br>356/246;<br>422/100;<br>422/58;<br>422/82.05;<br>422/82.09 | Hunter; Ian W                       |
| US 6359534<br>B2 | USPAT | 20020319 | Microwave resonator   | 333/219.1  | 333/209  | Hunter; Ian<br>Charles              |
| US 6357153<br>B1 | USPAT | 20020319 | Movable display multiple image tag and key chain                      | 40/454     | 40/513;<br>40/634;<br>70/456R  | Gelardi;<br>Tatiana L. et<br>al.    |
| US 6309600<br>B1 | USPAT | 20011030 | Apparatus for droplet microchemistry                                  | 422/66     | 422/100  | Hunter; Ian W                       |
| US 6296608<br>B1 | USPAT | 20011002 | Diagnosing and performing interventional procedures on tissue in vivo | 600/104    | 600/113;<br>600/182;<br>600/478  | Daniels;<br>Douglas J. et<br>al.    |
| US D447685<br>S  | USPAT | 20010911 | Package   | D9/416     | D9/418;<br>D9/432  | Chagnon;<br>Nichole M. et<br>al.    |
| US 6283374<br>B1 | USPAT | 20010904 | Symbology imaging and reading apparatus and method                    | 235/462.45 | 235/462.42   | Fantone;<br>Stephen D. et<br>al.    |
| US 6249076<br>B1 | USPAT | 20010619 | Conducting polymer actuator   | 310/363    | 310/800  | Madden; Johr D. et al.              |
| US 6247038<br>B1 | USPAT | 20010612 | Optimized synchronization procedure                                   | 718/100    |  | Banks;<br>Timothy<br>William et al. |
| US 6226081<br>B1 | USPAT | 20010501 | Optical height of fill detection system and associated methods        | 356/239.6  | 250/223B;<br>356/427;<br>382/142                                       | Fantone;<br>Stephen D. et<br>al.    |
| US 6207034<br>B1 | USPAT | 20010327 | Method of manufacture of polymer transistors with controllable gap    | 205/122    | 205/114;<br>205/118;<br>205/123;<br>205/136;<br>205/147;<br>205/317    | Madden; Pete et al.                 |
| US 6157113<br>A  | USPAT | 20001205 | Conducting polymer generator-actuator with energy storage/recovery    | 310/300    |  | Hunter; Ian W<br>et al.             |

| US 6403135       | USPAT    | 20020611 | Method for form-frying                       | 426/389    | 264/101;                | Graham;  |
|------------------|----------|----------|--|------------|-------------------------|--|
| B1               |          |          | snack food product                           |            | 264/571;                | Lawrence et a                                    |
|                  |          | 1        |  |            | 426/438;                |  |
|                  |          |          |  |            | 426/517;                |  |
|                  |          |          |  | 1          | 426/518;                |  |
|                  |          |          |  | 100/100    | 426/523                 | <del>                                     </del> |
| US 6387331       | USPAT    | 20020514 | Method and apparatus for                     | 422/102    | 356/244;                | Hunter; Ian W                                    |
| B1               |          |          | performing microassays                       |            | 356/246;                |  |
|                  |          |          |  |            | 422/100;                |  |
|                  |          |          |  |            | 422/58;                 |  |
|                  |          |          |  | ;          | 422/82.05;<br>422/82.09 |  |
| US 6359534       | USPAT    | 20020319 | Microwave resonator                          | 333/219.1  | 333/209                 | Hunter; Ian                                      |
| B2               |          |          |  |            |                         | Charles  |
| US 6357153       | USPAT    | 20020319 | Movable display multiple                     | 40/454     | 40/513;                 | Gelardi;   |
| B1               |          |          | image tag and key chain                      |            | 40/634;                 | Tatiana L. et                                    |
|                  | <u> </u> |          |  | 100/66     | 70/456R                 | al.  |
| US 6309600<br>B1 | USPAT    | 20011030 | Apparatus for droplet microchemistry         | 422/66     | 422/100                 | Hunter; Ian W                                    |
| US 6296608       | USPAT    | 20011002 | Diagnosing and                               | 600/104    | 600/113;                | Daniels;   |
| B1               | 051711   | 20011002 | performing interventional                    | 000,101    | 600/182;                | Douglas J. et                                    |
|                  |          |          | procedures on tissue in                      |            | 600/478                 | al.  |
|                  |          |          | vivo   |            |                         |  |
| US D447685       | USPAT    | 20010911 | Package                                      | D9/416     | D9/418;                 | Chagnon;   |
| S                |          | 1        |  |            | D9/432                  | Nichole M. et                                    |
|                  |          |          |  |            |                         | al.  |
| US 6283374       | USPAT    | 20010904 | Symbology imaging and                        | 235/462.45 | 235/462.42              | Fantone;   |
| B1               |          |          | reading apparatus and                        |            |                         | Stephen D. et                                    |
|                  |          |          | method                                       |            |                         | al.  |
| US 6249076       | USPAT    | 20010619 | Conducting polymer                           | 310/363    | 310/800                 | Madden; Johr                                     |
| B1               |          |          | actuator                                     |            |                         | D. et al.  |
| US 6247038       | USPAT    | 20010612 | Optimized                                    | 718/100    |                         | Banks;   |
| B1               |          |          | synchronization procedure                    |            |                         | Timothy  |
| TYG (00 (00)     | TIODATO  | 20010501 | 0 11 11 11 6511                              | 256/220.6  | 250/222D                | William et al.                                   |
| US 6226081       | USPAT    | 20010501 | Optical height of fill                       | 356/239.6  | 250/223B;               | Fantone;   |
| B1               |          |          | detection system and                         |            | 356/427;                | Stephen D. et al.                                |
| 110 (207024      | LICDAT   | 20010227 | associated methods  Method of manufacture of | 205/122    | 382/142<br>205/114;     | Madden; Pete                                     |
| US 6207034       | USPAT    | 20010327 | polymer transistors with                     | 203/122    | 205/114;                | et al.   |
| B1               |          |          | controllable gap                             |            | 205/118, 205/123;       | Ct al.   |
|                  |          |          | Controllable gap                             |            | 205/125, 205/136;       |  |
|                  |          |          |  |            | 205/147;                |  |
|                  |          |          |  |            | 205/317                 |  |
| US 6157113       | USPAT    | 20001205 | Conducting polymer                           | 310/300    |                         | Hunter; Ian W                                    |
| A                |          |          | generator-actuator with                      |            |                         | et al.   |
|                  |          | 1        | energy storage/recovery                      | <u></u>    |                         |  |

| US 6101334<br>A | USPAT | 20000808 | Dual focal length camera   | 396/72  | 396/352   | Fantone;<br>Stephen D.             |
|-----------------|-------|----------|--|---------|---|------------------------------------|
| US 6101269<br>A | USPAT | 20000808 | Apparatus and method for rapid 3D image parametrization              | 382/154 | 356/611   | Hunter; Ian W<br>et al.            |
| US 6091334<br>A | USPAT | 20000718 | Drowsiness/alertness<br>monitor                                      | 340/576 | 340/439;<br>340/573.1;<br>340/575;<br>351/209;<br>600/558 | Galiana;<br>Henrietta L. e<br>al.  |
| US 6088100<br>A | USPAT | 20000711 | Three-dimensional light absorption spectroscopic imaging             | 356/456 | 356/511   | Brenan; Colin<br>J. H. et al.      |
| US 6084321<br>A | USPAT | 20000704 | Conducting polymer driven rotary motor                               | 310/20  | 310/367;<br>310/369                                       | Hunter; Ian W et al.               |
| US 6070350<br>A | USPAT | 20000606 | Display/viewer for multiple, 3D, and other special visual effects    | 40/454  | 40/427;<br>40/765;<br>40/779                              | Fantone;<br>Stephen D. et<br>al.   |
| US 6070349<br>A | USPAT | 20000606 | Multi-purpose easel for displaying multiple, 3D, and animated images | 40/454  | 40/661.06   | Fantone;<br>Stephen D. et<br>al.   |
| US 6066857<br>A | USPAT | 20000523 | Variable focus optical system  | 250/566 | 235/462.22;<br>250/201.2                                  | Fantone;<br>Stephen D. et<br>al.   |
| US 6059546<br>A | USPAT | 20000509 | Contractile actuated bellows pump                                    | 417/534 | 417/375;<br>417/393;<br>417/473                           | Brenan; Colin<br>J. H. et al.      |
| US 6053877<br>A | USPAT | 20000425 | Movable sample tube multiple biopsy sampling device                  | 600/566 |   | Banik;<br>Michael S. et<br>al.     |
| US 6031662<br>A | USPAT | 20000229 | Convertible<br>binocular/stereoscope<br>device                       | 359/407 | 359/412;<br>359/419;<br>359/429;<br>359/431;<br>359/471   | Miller; Jeffrey<br>J. et al.       |
| US 6026215<br>A | USPAT | 20000215 | Method for making display products having merged images              | 358/1.2 | 345/629;<br>355/22  | Fantone;<br>Stephen D. et<br>al.   |
| US 6010292<br>A | USPAT | 20000104 | Method for fabricating a compliant image carrying printed insert     | 412/1   | 283/91  | Fantone;<br>Stephen D. et<br>al.   |
| US 6005664<br>A | USPAT | 19991221 | Nonuniform sampling for spectral and related applications            | 356/451 |   | Korenberg;<br>Michael J. et<br>al. |
| US 5999209<br>A | USPAT | 19991207 | Rapid high resolution image capture system                           | 348/96  | 348/104   | Hunter; Ian Wet al.                |

| US 5998768<br>A | USPAT | 19991207 | Active thermal control of surfaces by steering heating beam in response to sensed thermal radiation | 219/502    | 118/724;<br>392/418                               | Hunter; Ian W et al.              |
|-----------------|-------|----------|---|------------|---|-----------------------------------|
| US 5988856<br>A | USPAT | 19991123 | Apparatus for real-time estimation of printing medium properties and method for the use thereof     | 700/160    | 101/123;<br>101/126;<br>101/129                   | Braunstein;<br>Daniel J. et al    |
| US 5961534<br>A | USPAT | 19991005 | Multi-motion side cutting biopsy sampling device  | 606/180    | 600/562   | Banik;<br>Michael S. et<br>al.    |
| US 5960218<br>A | USPAT | 19990928 | Dual focal length camera  | 396/72     | 396/351;<br>396/352;<br>396/73                    | Fantone;<br>Stephen D.            |
| US 5942954<br>A | USPAT | 19990824 | Apparatus and method for measuring vestibular ocular reflex function                                | 351/209    | 600/546;<br>600/558                               | Galiana;<br>Henrietta L. e<br>al. |
| US 5941382<br>A | USPAT | 19990824 | Box container systems<br>and display frames with<br>multiple view optics                            | 206/308.1  | 206/309;<br>206/459.5                             | Fantone;<br>Stephen D. et<br>al.  |
| US 5892430<br>A | USPAT | 19990406 | Self-powered powerline sensor   | 340/538.16 | 324/126;<br>324/127;<br>340/660;<br>361/93.6      | Wiesman;<br>Richard M. et<br>al.  |
| US 5887165<br>A | USPAT | 19990323 | Dynamically reconfigurable hardware system for real-time control of processes                       | 713/100    | 709/221;<br>710/10;<br>712/10;<br>713/1;<br>713/2 | Martel;<br>Sylvain et al.         |
| US 5871453<br>A | USPAT | 19990216 | Moveable sample tube multiple biopsy sampling device  | 600/564    |   | Banik;<br>Michael S. et<br>al.    |
| US 5850913<br>A | USPAT | 19981222 | Compliant image carrying printed insert   | 206/308.1  | 206/459.1;<br>40/312;<br>40/454                   | Fantone;<br>Stephen D. et<br>al.  |
| US 5833068<br>A | USPAT | 19981110 | Flat box system with multiple view optics   | 206/459.1  | 206/308.1   | Fantone;<br>Stephen D.            |
| US 5823971<br>A | USPAT | 19981020 | Multiple biopsy sampling coring device  | 600/567    |   | Robinson;<br>Donald E. et<br>al.  |
| US 5823344<br>A | USPAT | 19981020 | Display systems with multiple view optics   | 206/459.5  | 206/232;<br>206/387.1;<br>40/436;<br>40/453       | Fantone;<br>Stephen D. et<br>al.  |
| US 5782347      | USPAT | 19980721 | Box container systems   | 206/308.1  | 206/232;  | Fantone;                          |

| A<br>US 5779648 | USPAT | 19980714 | and display frames with multiple view optics  Multi-motion cutter                  | 600/567   | 206/309;<br>206/459.5   | Stephen D. et al.  Banik;        |
|-----------------|-------|----------|--|-----------|---|----------------------------------|
| Α               |       |          | multiple biopsy sampling device  |           |   | Michael S. et al.                |
| US 5769227<br>A | USPAT | 19980623 | Box container systems and display frames with two-dimensional multiple view optics | 206/459.1 | 206/232   | Fantone;<br>Stephen D.           |
| US 5745674<br>A | USPAT | 19980428 | Management of units of work on a computer system log                               | 714/20    |   | Lupton; Peter<br>James et al.    |
| US 5696521<br>A | USPAT | 19971209 | Video headset  | 345/8     | 348/53  | Robinson; Jac<br>D. et al.       |
| US 5692820<br>A | USPAT | 19971202 | Projection monitor   | 353/77    | 353/31;<br>353/74   | Gale; Ronald P. et al.           |
| US 5661816<br>A | USPAT | 19970826 | Image analysis system  | 382/100   |   | Fantone;<br>Stephen D. et<br>al. |
| US 5647151<br>A | USPAT | 19970715 | Multi-purpose image display systems  | 40/454    | 40/427;<br>40/754;<br>40/757  | Fantone;<br>Stephen D. et<br>al. |
| US 5641391<br>A | USPAT | 19970624 | Three dimensional microfabrication by localized electrodeposition and etching      | 205/80    | 205/133;<br>205/137;<br>205/138;<br>205/139;<br>205/140;<br>205/141;<br>205/640;<br>205/652;<br>205/654;<br>205/668;<br>205/672;<br>205/686;<br>977/856;<br>977/857;<br>977/888;<br>977/890 | Hunter; Ian W et al.             |
| US 5633753<br>A | USPAT | 19970527 | Low-cost, light-weight, compact binoculars   | 359/412   | 359/407;<br>359/409;<br>359/425   | Fantone;<br>Stephen D. et<br>al. |
| US 5601585<br>A | USPAT | 19970211 | Multi-motion side-cutting biopsy sampling device                                   | 606/180   | 606/209   | Banik;<br>Michael S. et<br>al.   |

| US 5589978<br>A | USPAT | 19961231 | Dual-path optical system                                       | 359/412    | 359/407;<br>359/411                                       | Fantone;<br>Stephen D.           |
|-----------------|-------|----------|--|------------|---|----------------------------------|
| US 5588526<br>A | USPAT | 19961231 | Flat box system with multiple view optics                      | 206/308.1  | 206/232;<br>206/309;<br>206/310;<br>206/459.5;<br>359/463 | Fantone;<br>Stephen D. et<br>al. |
| US 5573008<br>A | USPAT | 19961112 | Multiple biopsy sampling coring device                         | 600/567    |   | Robinson;<br>Donald E. et<br>al. |
| US 5546487<br>A | USPAT | 19960813 | Cylindrical fiber coupling lens with biaspheric surfaces       | 385/33     |   | Fantone;<br>Stephen D.           |
| US 5545142<br>A | USPAT | 19960813 | Seal members for surgical trocars                              | 604/167.01 | 604/256   | Stephens;<br>Randy R. et a       |
| US 5544741<br>A | USPAT | 19960813 | Flat box system with edge view optics                          | 206/308.1  | 206/309;<br>206/459.5                                     | Fantone;<br>Stephen D. et<br>al. |
| US 5526177<br>A | USPAT | 19960611 | Dual-view, immersible periscope                                | 359/402    | 359/403;<br>359/742;<br>359/857                           | Fantone;<br>Stephen D.           |
| US 5476099<br>A | USPAT | 19951219 | High velocity tissue sample cutter                             | 600/564    |   | Robinson;<br>Donald E. et<br>al. |
| US 5471992<br>A | USPAT | 19951205 | Multi-motion cutter multiple biopsy sampling device            | 600/564    | 606/170   | Banik;<br>Michael S. et<br>al.   |
| US 5469293<br>A | USPAT | 19951121 | Dual-path optical system                                       | 359/412    | 359/365;<br>359/407;<br>359/835;<br>359/861               | Fantone;<br>Stephen D.           |
| US 5467154<br>A | USPAT | 19951114 | Projection monitor   | 353/119    | 348/794;<br>353/74;<br>353/77                             | Gale; Ronald<br>P. et al.        |
| US 5458566<br>A | USPAT | 19951017 | Reservoir volume sensing systems for autologous blood recovery | 604/6.15   | 128/DIG.13;<br>604/29;<br>604/31;<br>73/862.634           | Herrig; Russe<br>L. et al.       |
| US 5450244<br>A | USPAT | 19950912 | Cylindrical fiber coupling lens with biaspheric surfaces       | 359/710    | 359/719   | Fantone;<br>Stephen D.           |
| US 5416574<br>A | USPAT | 19950516 | Automated optical measurement apparatus                        | 356/124    |   | Fantone;<br>Stephen D.           |
| US 5280336<br>A | USPAT | 19940118 | Automated radius measurement apparatus                         | 356/124    |   | Fantone;<br>Stephen D.           |
| US 5268978      | USPAT | 19931207 | Optical fiber laser and  | 385/33     | 372/6;  | Po; Hong et a                    |

| A               |       |          | geometric coupler  |            | 372/70;<br>372/71;<br>385/119;<br>385/121;<br>385/34;<br>385/89 |                                    |
|-----------------|-------|----------|--|------------|---|------------------------------------|
| US 5256149<br>A | USPAT | 19931026 | Trocar having transparent cannula and method of using                      | 604/164.01 | 604/158;<br>604/274   | Banik;<br>Michael S. et<br>al.     |
| US 5211252<br>A | USPAT | 19930518 | Automatic basis sheet weight and moisture content measuring apparatus      | 177/25.14  | 177/245;<br>177/50;<br>702/173                                  | Henderson;<br>Richard M. et<br>al. |
| US 5172639<br>A | USPAT | 19921222 | Cornering pipe traveler  | 104/138.2  |   | Wiesman;<br>Richard M. et<br>al.   |
| US 5109153<br>A | USPAT | 19920428 | Flash imaging and voidable articles  | 235/468    | 235/432;<br>283/85;<br>355/1                                    | Johnsen;<br>Edward L. et<br>al.    |
| US 5092901<br>A | USPAT | 19920303 | Shape memory alloy fibers having rapid twitch response                     | 623/24     | 60/528;<br>901/21   | Hunter; Ian et al.                 |
| US 5067509<br>A | USPAT | 19911126 | Gas jet actuator using coanda effect                                       | 137/14     | 137/830;<br>137/831   | Hunter; Ian W                      |
| US 4977325<br>A | USPAT | 19901211 | Optical read system and immunoassay method                                 | 250/461.2  | 250/372;<br>250/373;<br>250/461.1                               | Bowen; Mark<br>S. et al.           |
| US 4974928<br>A | USPAT | 19901204 | Integral fiber optic printhead   | 385/12     | 250/227.24;<br>250/227.26;<br>250/227.28;<br>385/120            | Caufield;<br>Francis J. et a       |
| US 4945250<br>A | USPAT | 19900731 | Optical read head for immunoassay instrument                               | 250/461.1  | 250/372;<br>250/461.2;<br>356/417;<br>356/418                   | Bowen; Mark<br>S. et al.           |
| US 4921316<br>A | USPAT | 19900501 | Integral fiber optic printhead   | 385/120    | 347/129;<br>358/302   | Fantone;<br>Stephen D. et al.      |
| US 4918273<br>A | USPAT | 19900417 | Contact for dual in-line package packaged slide switch                     | 200/550    | 200/254   | Stokoe; Philip<br>T. et al.        |
| US 4870496<br>A | USPAT | 19890926 | Optical system for projecting an image onto a low resolution photodetector | 348/342    | 348/231.4;<br>359/356;<br>359/708                               | Fantone;<br>Stephen D.             |
| US 4868477      | USPAT | 19890919 | Method and apparatus for   | 318/696    | 318/685   | Anderson;                          |

| A               |       |          | controlling torque and torque ripple in a variable reluctance motor                    |         |   | Frank J. et al.                  |
|-----------------|-------|----------|--|---------|---|----------------------------------|
| US 4805971<br>A | USPAT | 19890221 | Periscopic viewfinder  | 359/354 | 359/435;<br>359/676;<br>359/708                         | Fantone;<br>Stephen D.           |
| US 4796969<br>A | USPAT | 19890110 | Fiber optic relay connector  | 385/35  | 385/53  | Fantone;<br>Stephen D.           |
| US 4786155<br>A | USPAT | 19881122 | Operating microscope providing an image of an obscured object                          | 356/39  | 348/79;<br>359/377;<br>359/385;<br>359/629              | Fantone;<br>Stephen D. et<br>al. |
| US 4786154<br>A | USPAT | 19881122 | Enhanced-image operating microscope  | 359/369 | 348/25;<br>348/79;<br>359/376;<br>359/400               | Fantone;<br>Stephen D. et<br>al. |
| US 4687887<br>A | USPAT | 19870818 | Dual in-line package slide switch with detent assembly                                 | 200/16F | 200/16D;<br>292/DIG.69                                  | Stokoe; Philip<br>T. et al.      |
| US 4673298<br>A | USPAT | 19870616 | Tire temperature measurement apparatus   | 374/122 | 374/131;<br>374/141                                     | Hunter; Ian et al.               |
| US 4627690<br>A | USPAT | 19861209 | Optical system with anamorphic prism   | 359/669 | 359/834   | Fantone;<br>Stephen D.           |
| US 4616410<br>A | USPAT | 19861014 | High speed lead socket assembly machine  | 29/743  | 29/747;<br>29/759;<br>29/760;<br>29/881                 | Stokoe; Philip<br>T. et al.      |
| US 4545655<br>A | USPAT | 19851008 | Optical viewing system   | 359/399 | 359/402;<br>359/708;<br>359/737;<br>359/781;<br>396/386 | Fantone;<br>Stephen D. et<br>al. |
| US 4540246<br>A | USPAT | 19850910 | Holographic optical apparatus for use with expanded-beam type fiber optical components | 359/15  | 359/34;<br>359/900;<br>385/31                           | Fantone;<br>Stephen D.           |
| US 4526467<br>A | USPAT | 19850702 | Apparatus and methods for testing lens structure                                       | 356/124 | 356/125   | Fantone;<br>Stephen D.           |
| US 4526444<br>A | USPAT | 19850702 | Viewfinder apparatus   | 359/362 | 359/819;<br>396/386                                     | Fantone;<br>Stephen D. et<br>al. |
| US 4480893<br>A | USPAT | 19841106 | Optical and viewing system for stereoscopic photography                                | 359/465 | 352/57;<br>352/60;<br>353/8                             | Fantone;<br>Stephen D.           |
| US 4433437<br>A | USPAT | 19840221 | Method and apparatus for verifying security labels                                     | 382/210 | 235/375;<br>235/380;                                    | Fantone;<br>Stephen D.           |

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| US 4432832<br>A               | USPAT |                      | Mathad of farming  | 216/24            | 340/5.86;<br>359/569<br>156/245;   | Fantone;                                  |
|-------------------------------|-------|----------------------|--|-------------------|--|---|
|                               |       | 19840221             | Method of forming contoured optical layers on glass elements   | 210/24            | 156/243,<br>156/247;<br>156/273.7;<br>156/275.5;<br>156/289;<br>156/344;<br>216/100;<br>216/36;<br>264/1.7;<br>428/336;<br>428/417 | Stephen D.                                |
| US 4396289<br>A               | USPAT | 19830802             | Method and apparatus for holographic testing of optical components   | 356/458           | 356/513  | Fantone;<br>Stephen D.                    |
| US 4152724<br>A               | USPAT | 19790501             | Missile guidance systems   | 348/144           | 244/3.11;<br>348/195   | Hunter; Ian                               |
| US 3895695<br>A               | USPAT | 19750722             | Spring applied fluid released brake unit   | 188/170           | 92/130R;<br>92/63  | Hunter; Ian<br>Pearson                    |
| US 3432737<br>A               | USPAT | 19690311             | REGULATED DIRECT CURRENT SUPPLY CIRCUIT WITH ENERGY RETURN PATH [TEXT AVAILABLE IN USOCR DATABASE]                     | 363/25            | ·  | FITZGERAL<br>WILLIAM<br>PATRICK et<br>al. |
| US 2895725<br>A               | USPAT | 19590721             | Rotary kiln construction<br>[TEXT AVAILABLE IN<br>USOCR DATABASE]  | 432/119           | 432/103  | ANDERSON<br>FRANK J                       |
| US 2438488<br>A               | USPAT | 19480330             | Process of making alumina utilizing kaolin, marl, and related materials [TEXT AVAILABLE IN USOCR DATABASE]             | 423/119           | 106/764;<br>106/770;<br>423/123;<br>423/127;<br>423/129;<br>423/331  | ANDERSON<br>FRANK J et<br>al.             |
| US 2421918<br>A<br>US 2323289 | USPAT | 19470610<br>19430706 | Process of producing aluminum oxide substantially free from silica [TEXT AVAILABLE IN USOCR DATABASE] Coal drier [TEXT | 423/119<br>34/129 | 423/123;<br>423/126;<br>423/129;<br>423/133  | ANDERSON<br>FRANK J et<br>al.             |

| A          |       |          | AVAILABLE IN USOCR     |        | 34/499;  | FRANK J et |
|------------|-------|----------|------------------------|--------|----------|------------|
|            |       |          | DATABASE]              |        | 366/105; | al.        |
|            |       |          |                        |        | 366/184; |            |
|            |       |          |                        |        | 366/228; |            |
|            |       |          |                        |        | 366/235; |            |
|            |       |          |                        |        | 432/106  |            |
| US 2033970 | USPAT | 19360317 | One-man land measuring | 33/775 |          | ANDERSON   |
| A          |       |          | apparatus [TEXT        |        |          | FRANK J    |
|            | 1     |          | AVAILABLE IN USOCR     |        |          |            |
|            |       |          | DATABASE]              |        |          |            |